

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072724\
 Data File : BN033046.D
 Acq On : 27 Jul 2024 23:16
 Operator : MA/JU
 Sample : P3307-02
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 VPB189-HYD-20240717

Quant Time: Jul 29 09:57:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jul 21 23:33:21 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

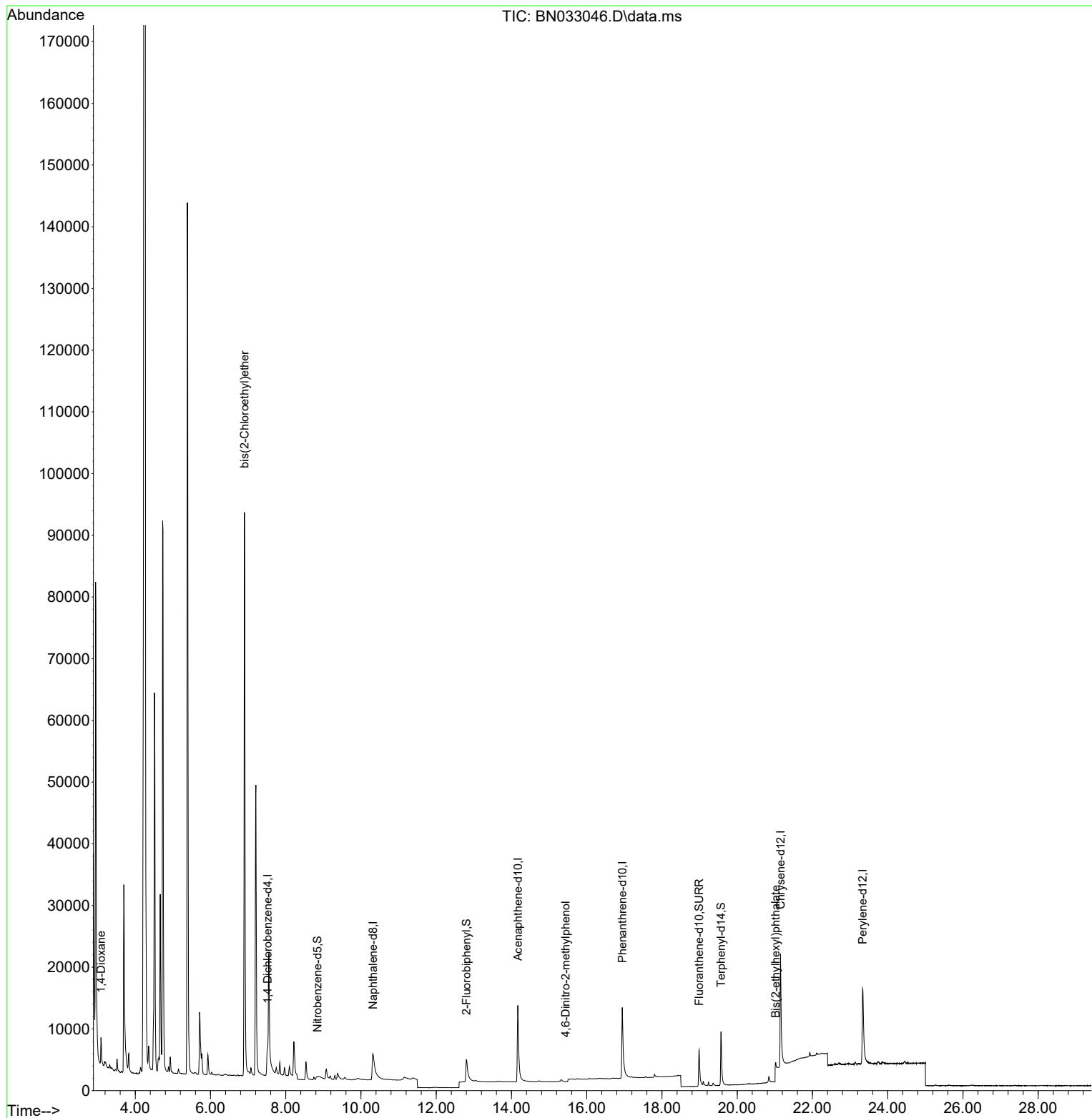
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.517	152	4701	0.400	ng	-0.01
7) Naphthalene-d8	10.319	136	16790	0.400	ng	0.02
13) Acenaphthene-d10	14.169	164	12494	0.400	ng	0.00
19) Phenanthrene-d10	16.945	188	27585	0.400	ng	0.00
29) Chrysene-d12	21.151	240	27213	0.400	ng	#-0.01
35) Perylene-d12	23.335	264	24611	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.228	112	157	0.013	ng	0.05
5) Phenol-d6	6.788	99	6	0.000	ng	0.00
8) Nitrobenzene-d5	8.845	82	1983	0.157	ng	0.11
11) 2-Methylnaphthalene-d10	11.958	152	211	0.008	ng	0.04
14) 2,4,6-Tribromophenol	15.753	330	87	0.016	ng	0.03
15) 2-Fluorobiphenyl	12.800	172	8264	0.178	ng	0.00
27) Fluoranthene-d10	18.987	212	10763	0.151	ng	0.00
31) Terphenyl-d14	19.568	244	14086	0.253	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.090	88	3229	0.554	ng	# 80
6) bis(2-Chloroethyl)ether	6.903	93	66531	5.390	ng	# 54
20) 4,6-Dinitro-2-methylph...	15.441	198	3	0.294	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.017	149	4987	0.105	ng	# 83

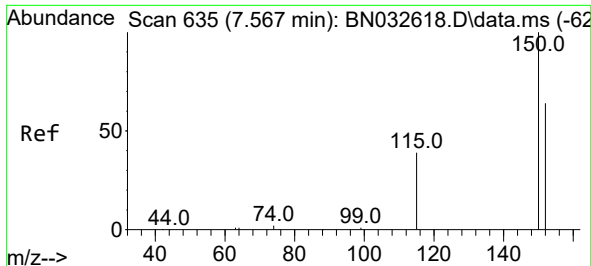
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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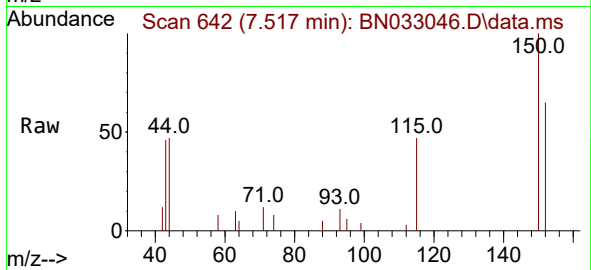
Quant Time: Jul 29 09:57:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
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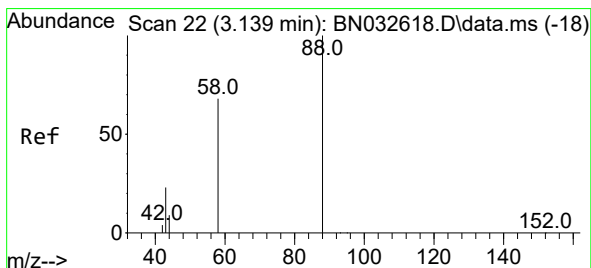
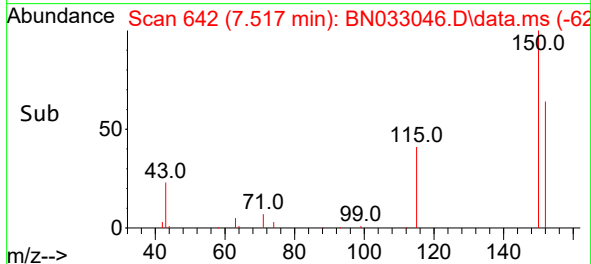
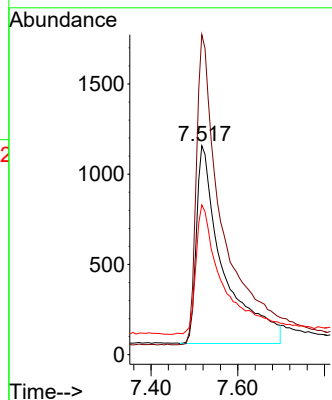


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.517 min Scan# 64
Delta R.T. -0.014 min
Lab File: BN033046.D
Acq: 27 Jul 2024 23:16

Instrument :
BNA_N
ClientSampleId :
VPB189-HYD-20240717

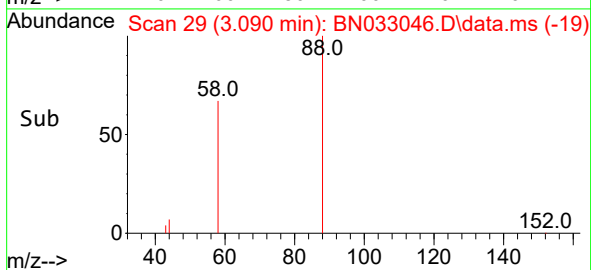
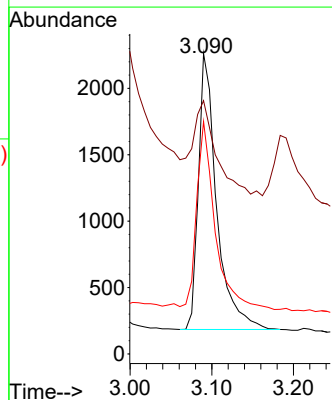
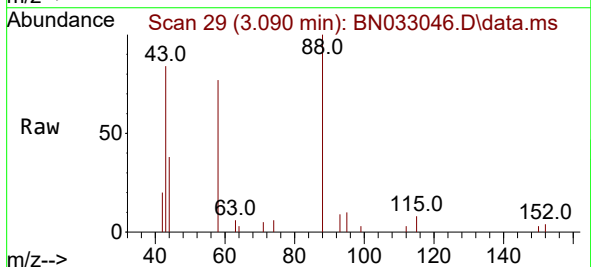


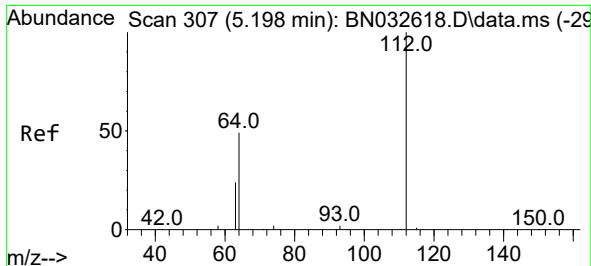
Tgt Ion:152 Resp: 4701
Ion Ratio Lower Upper
152 100
150 153.1 123.8 185.6
115 71.7 52.8 79.2



#2
1,4-Dioxane
Concen: 0.554 ng
RT: 3.090 min Scan# 29
Delta R.T. -0.028 min
Lab File: BN033046.D
Acq: 27 Jul 2024 23:16

Tgt Ion: 88 Resp: 3229
Ion Ratio Lower Upper
88 100
43 46.3 18.4 27.6#
58 68.8 49.2 73.8





#4

2-Fluorophenol

Concen: 0.013 ng

RT: 5.228 min Scan# 30

Delta R.T. 0.052 min

Lab File: BN033046.D

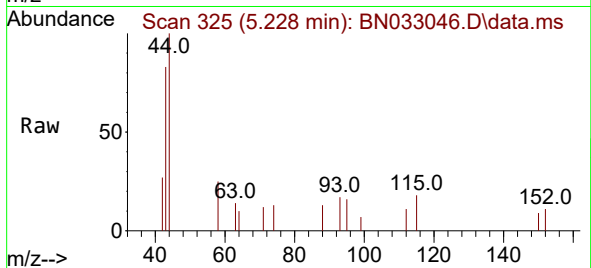
Acq: 27 Jul 2024 23:16

Instrument :

BNA_N

ClientSampleId :

VPB189-HYD-20240717



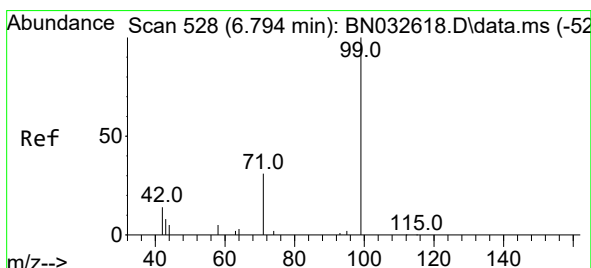
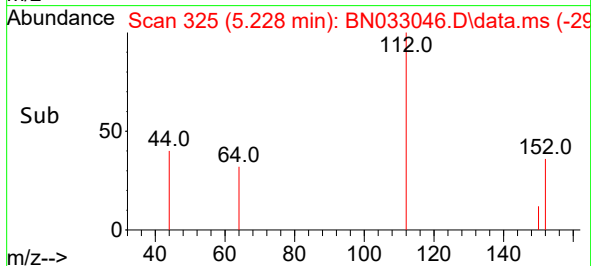
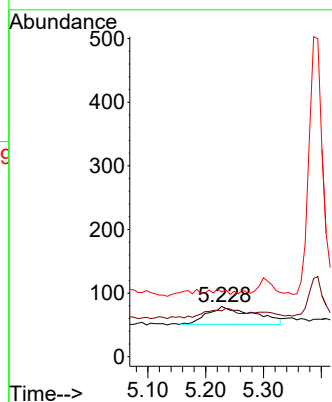
Tgt Ion:112 Resp: 157

Ion Ratio Lower Upper

112 100

64 33.8 40.2 60.4#

63 8.9 22.2 33.4#



#5

Phenol-d6

Concen: 0.000 ng

RT: 6.788 min Scan# 541

Delta R.T. 0.008 min

Lab File: BN033046.D

Acq: 27 Jul 2024 23:16

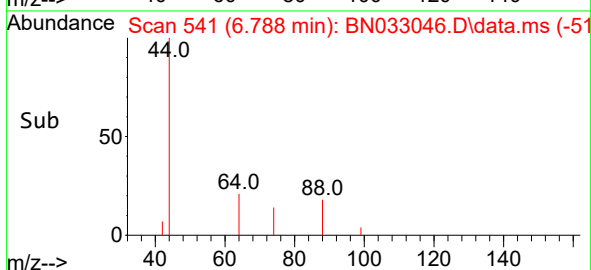
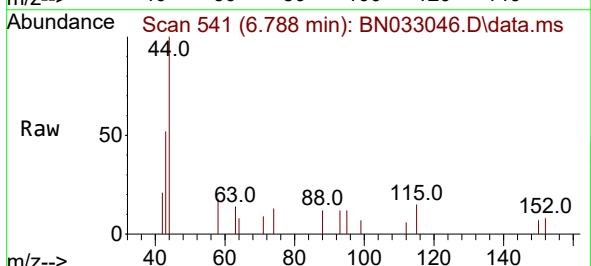
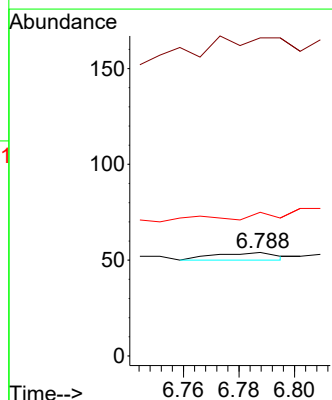
Tgt Ion: 99 Resp: 6

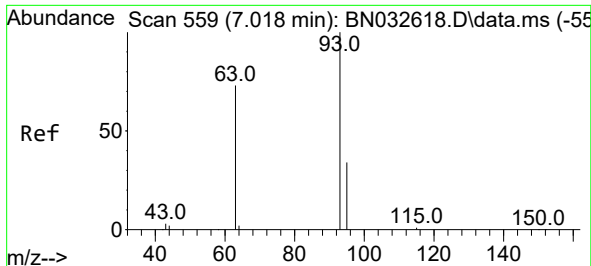
Ion Ratio Lower Upper

99 100

42 0.0 10.5 15.7#

71 0.0 22.3 33.5#

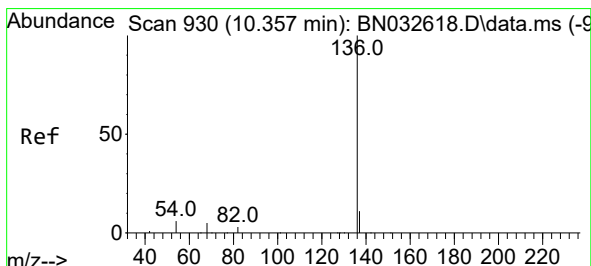
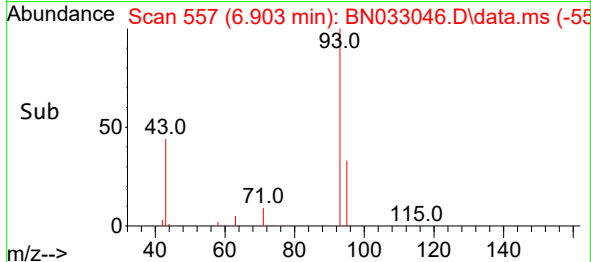
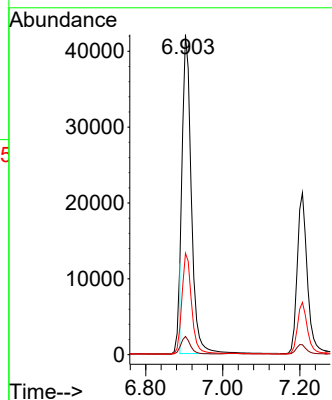
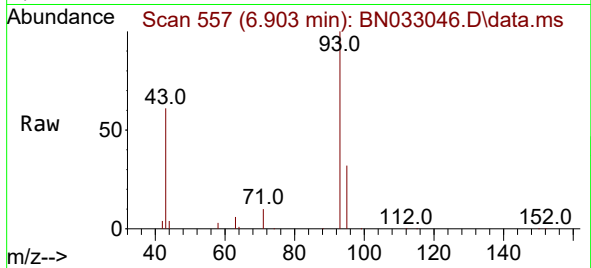




#6
bis(2-Chloroethyl)ether
Concen: 5.390 ng
RT: 6.903 min Scan# 51
Delta R.T. -0.086 min
Lab File: BN033046.D
Acq: 27 Jul 2024 23:16

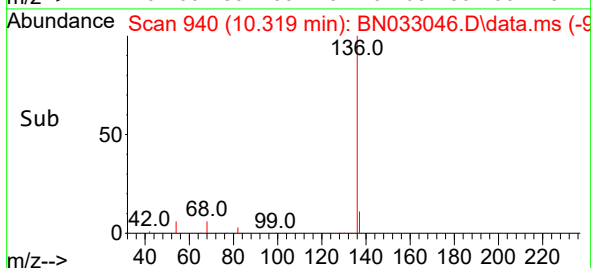
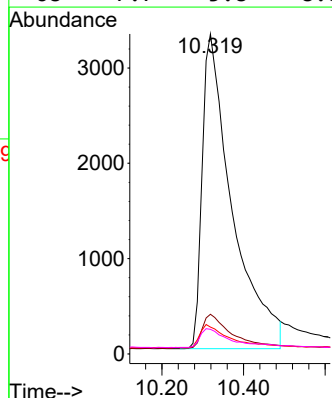
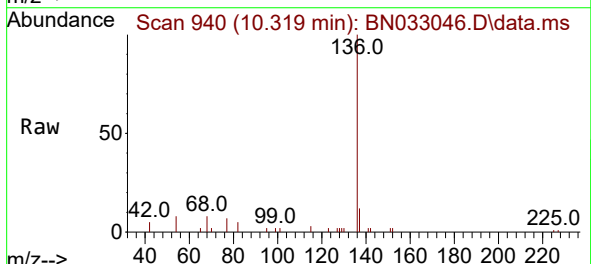
Instrument :
BNA_N
ClientSampleId :
VPB189-HYD-20240717

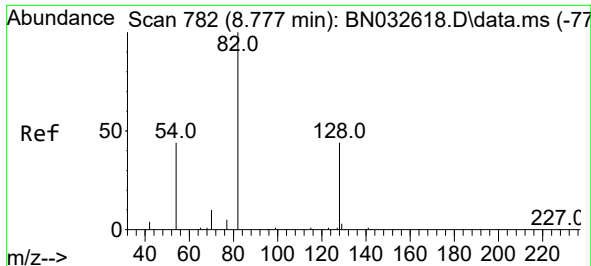
Tgt Ion: 93 Resp: 66531
Ion Ratio Lower Upper
93 100
63 5.0 46.4 69.6#
95 32.1 25.5 38.3



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.319 min Scan# 940
Delta R.T. 0.015 min
Lab File: BN033046.D
Acq: 27 Jul 2024 23:16

Tgt Ion:136 Resp: 16790
Ion Ratio Lower Upper
136 100
137 12.4 9.9 14.9
54 8.4 6.5 9.7
68 7.7 5.8 8.8

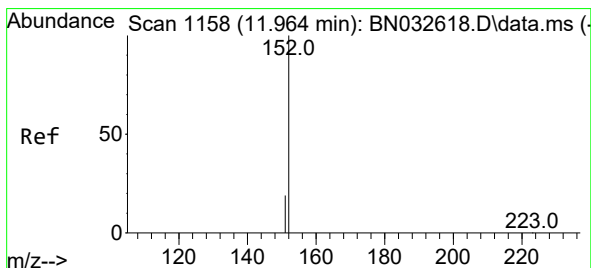
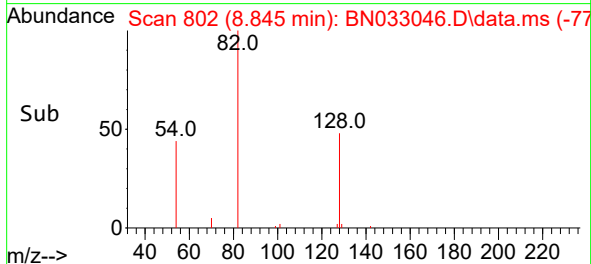
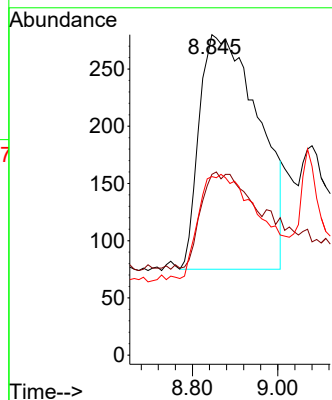
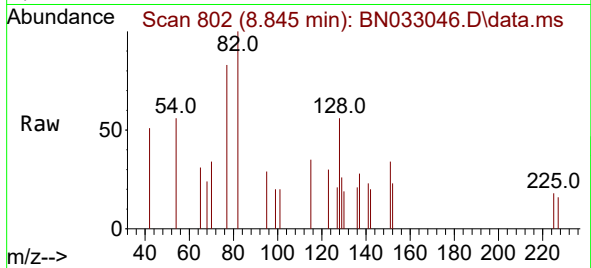




#8
Nitrobenzene-d5
Concen: 0.157 ng
RT: 8.845 min Scan# 80
Delta R.T. 0.111 min
Lab File: BN033046.D
Acq: 27 Jul 2024 23:16

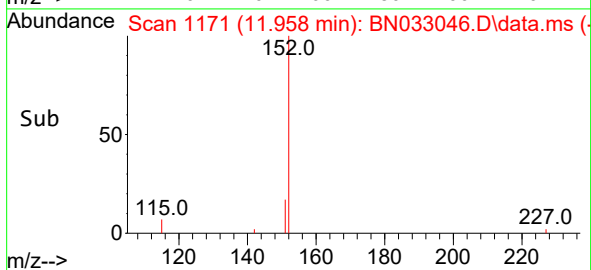
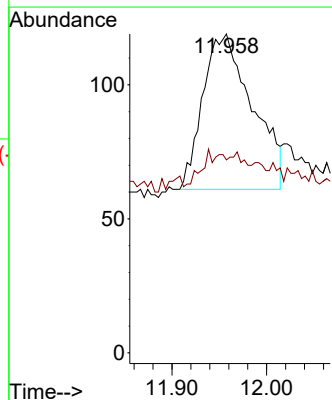
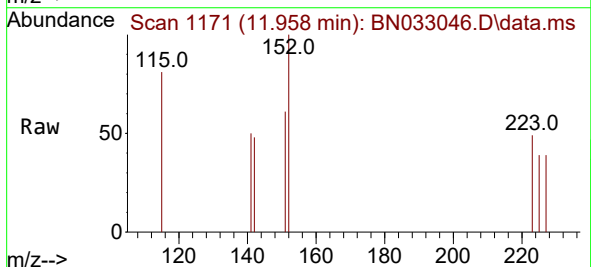
Instrument :
BNA_N
ClientSampleId :
VPB189-HYD-20240717

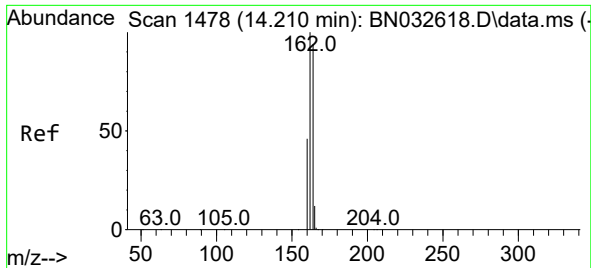
Tgt Ion: 82 Resp: 1983
Ion Ratio Lower Upper
82 100
128 56.4 41.7 62.5
54 55.7 39.5 59.3



#11
2-Methylnaphthalene-d10
Concen: 0.008 ng
RT: 11.958 min Scan# 1171
Delta R.T. 0.043 min
Lab File: BN033046.D
Acq: 27 Jul 2024 23:16

Tgt Ion:152 Resp: 211
Ion Ratio Lower Upper
152 100
151 4.3 16.2 24.2#

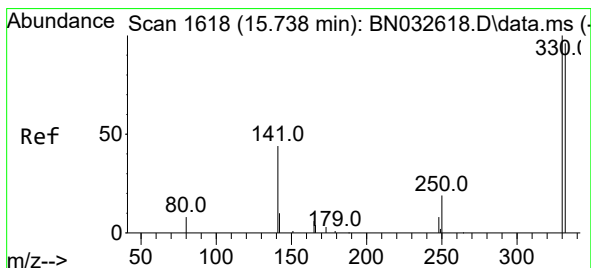
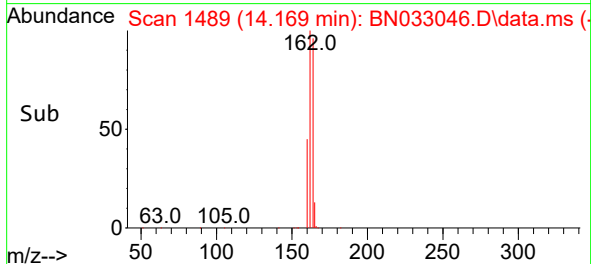
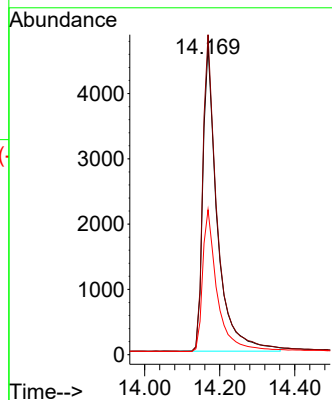
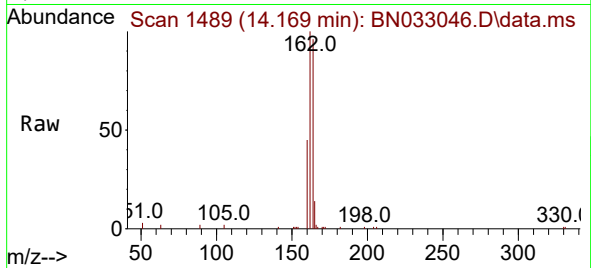




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.169 min Scan# 14
Delta R.T. -0.009 min
Lab File: BN033046.D
Acq: 27 Jul 2024 23:16

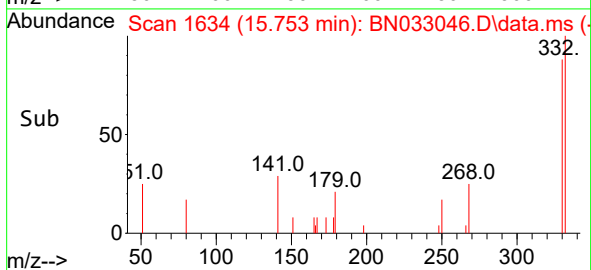
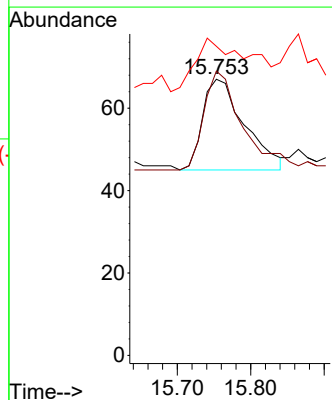
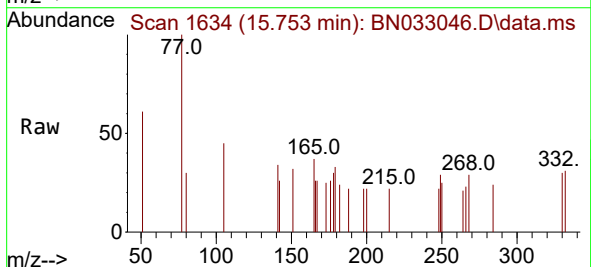
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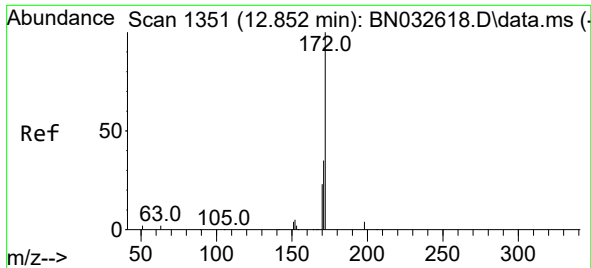
Tgt Ion:164 Resp: 12494
Ion Ratio Lower Upper
164 100
162 103.7 85.0 127.4
160 47.0 39.4 59.2



#14
2,4,6-Tribromophenol
Concen: 0.016 ng
RT: 15.753 min Scan# 1634
Delta R.T. 0.028 min
Lab File: BN033046.D
Acq: 27 Jul 2024 23:16

Tgt Ion:330 Resp: 87
Ion Ratio Lower Upper
330 100
332 101.1 77.8 116.8
141 75.9 34.2 51.2#

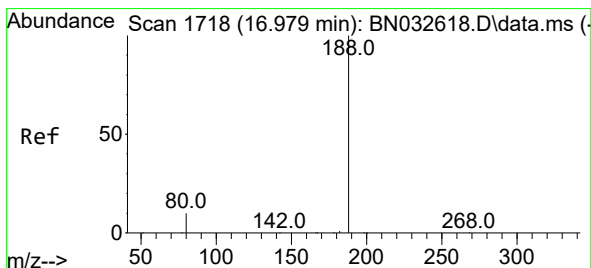
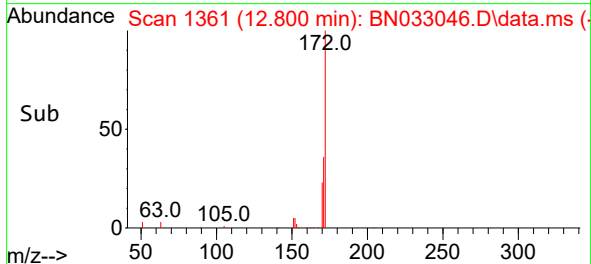
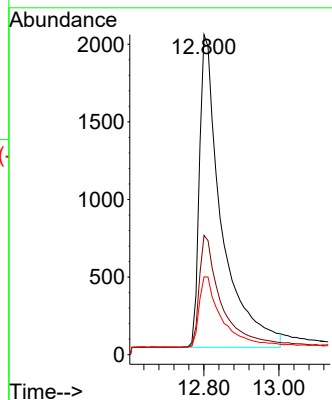
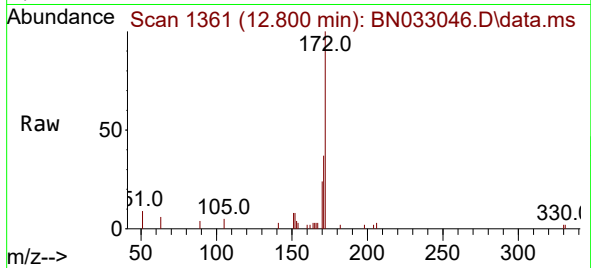




#15
2-Fluorobiphenyl
Concen: 0.178 ng
RT: 12.800 min Scan# 11
Delta R.T. -0.009 min
Lab File: BN033046.D
Acq: 27 Jul 2024 23:16

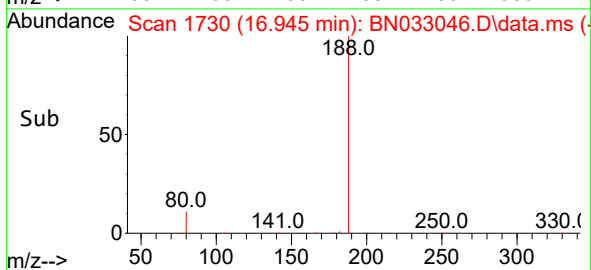
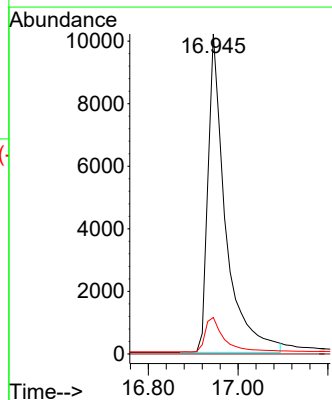
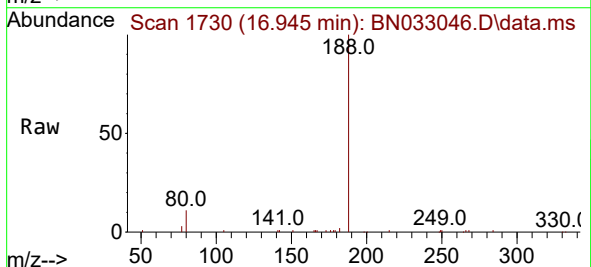
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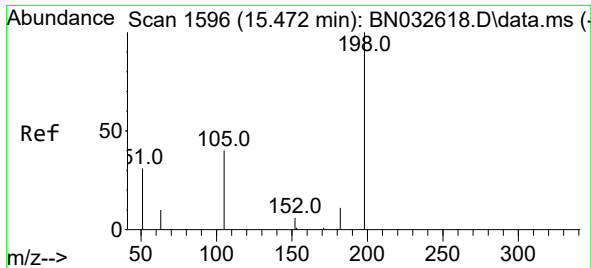
Tgt Ion:	172	Resp:	8264
Ion Ratio	Lower	Upper	
172	100		
171	37.2	28.6	43.0
170	24.3	19.0	28.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.945 min Scan# 1730
Delta R.T. -0.009 min
Lab File: BN033046.D
Acq: 27 Jul 2024 23:16

Tgt Ion:	188	Resp:	27585
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.4	8.8	13.2

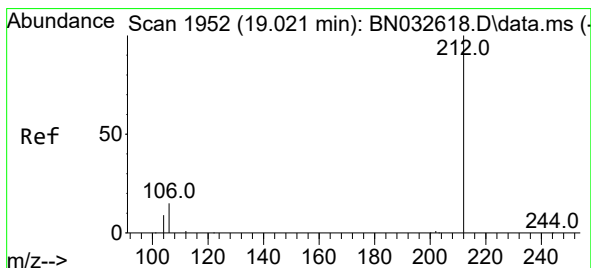
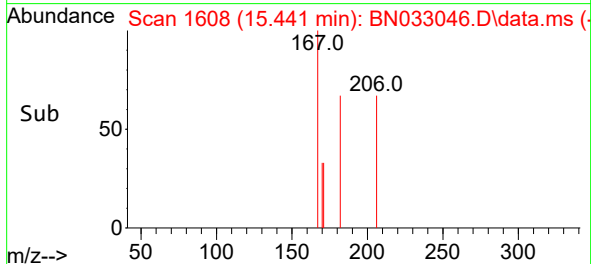
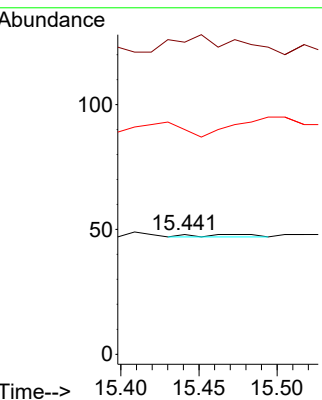
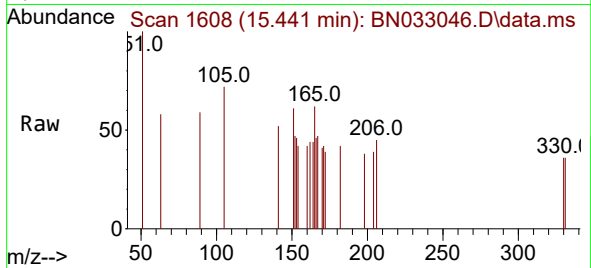




#20
4,6-Dinitro-2-methylphenol
Concen: 0.294 ng
RT: 15.441 min Scan# 1
Delta R.T. -0.031 min
Lab File: BN033046.D
Acq: 27 Jul 2024 23:16

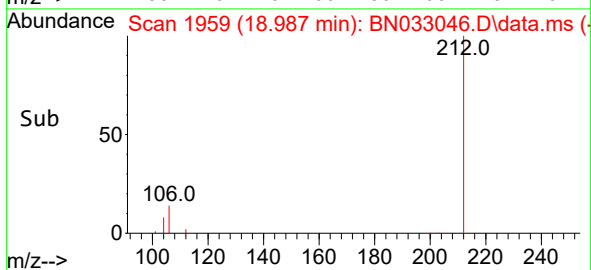
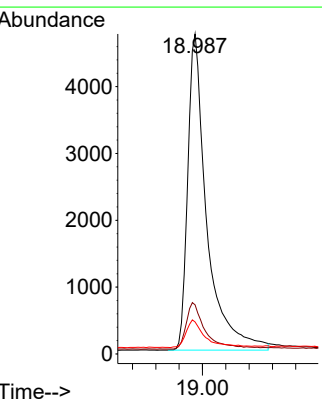
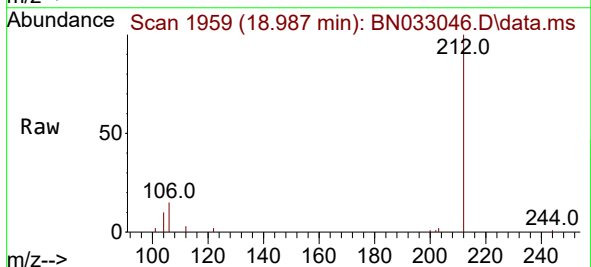
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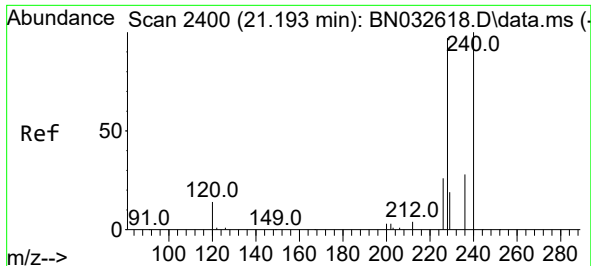
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 260.4 105.7 158.5#
105 187.5 63.0 94.6#



#27
Fluoranthene-d10
Concen: 0.151 ng
RT: 18.987 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BN033046.D
Acq: 27 Jul 2024 23:16

Tgt Ion:212 Resp: 10763
Ion Ratio Lower Upper
212 100
106 14.8 11.9 17.9
104 8.8 6.9 10.3

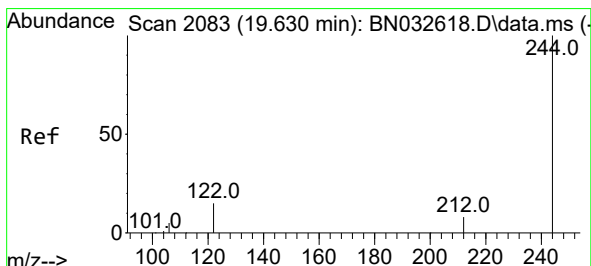
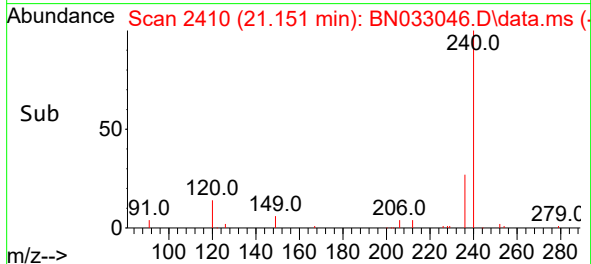
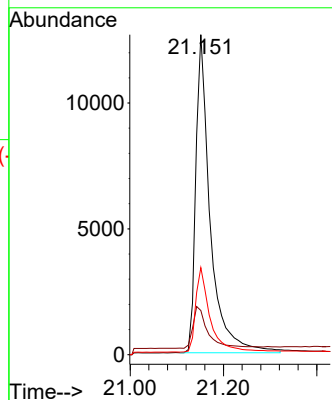
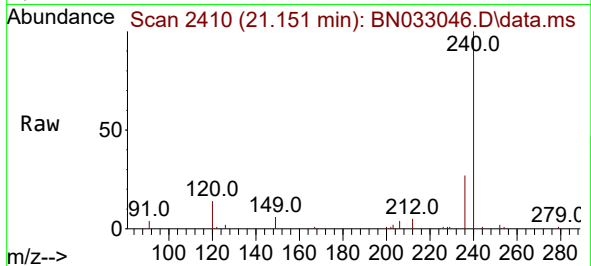




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.151 min Scan# 2410
Delta R.T. -0.015 min
Lab File: BN033046.D
Acq: 27 Jul 2024 23:16

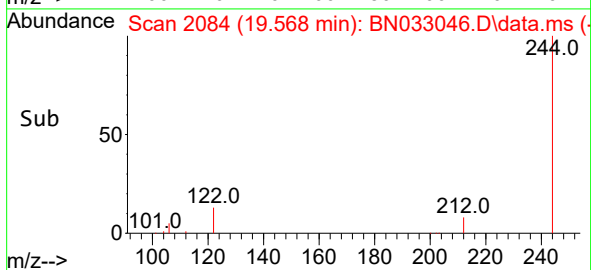
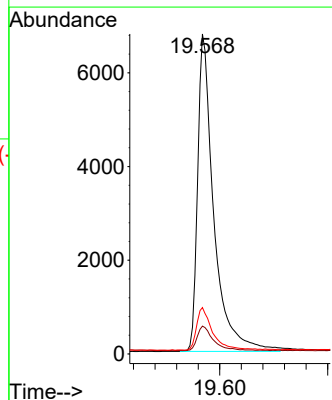
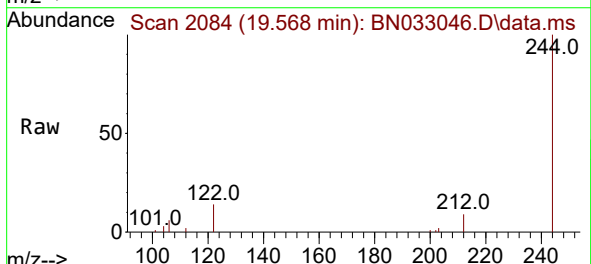
Instrument :
BNA_N
ClientSampleId :
VPB189-HYD-20240717

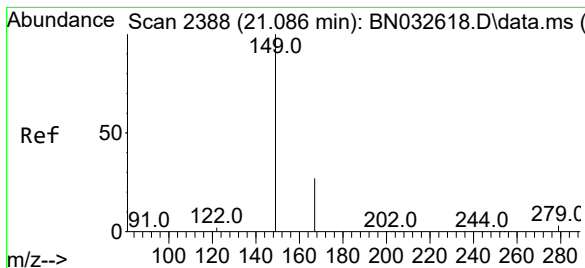
Tgt Ion:240 Resp: 27213
Ion Ratio Lower Upper
240 100
120 13.8 14.8 22.2#
236 27.2 23.3 34.9



#31
Terphenyl-d14
Concen: 0.253 ng
RT: 19.568 min Scan# 2084
Delta R.T. -0.025 min
Lab File: BN033046.D
Acq: 27 Jul 2024 23:16

Tgt Ion:244 Resp: 14086
Ion Ratio Lower Upper
244 100
212 8.7 7.5 11.3
122 14.5 12.6 19.0





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.105 ng

RT: 21.017 min Scan# 21

Delta R.T. -0.033 min

Lab File: BN033046.D

Acq: 27 Jul 2024 23:16

Instrument :

BNA_N

ClientSampleId :

VPB189-HYD-20240717

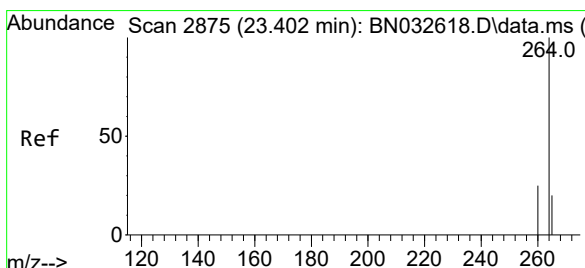
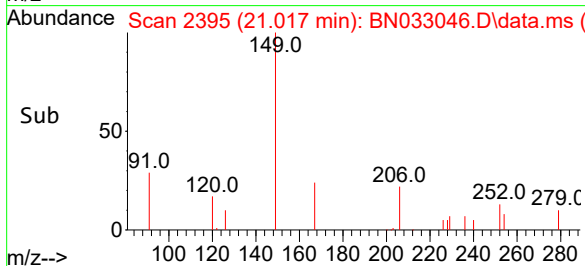
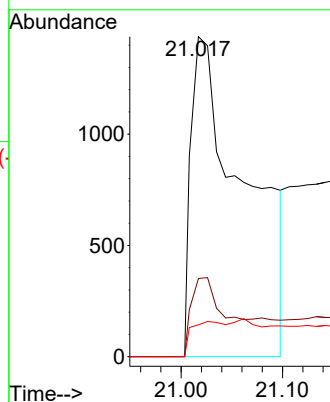
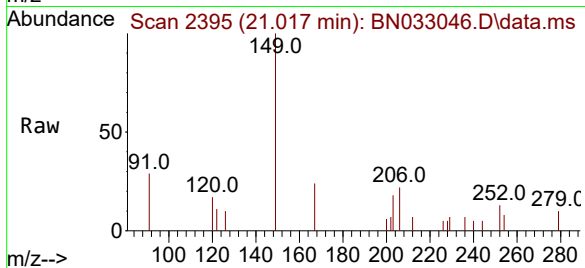
Tgt Ion:149 Resp: 4987

Ion Ratio Lower Upper

149 100

167 17.5 21.4 32.2#

279 6.6 2.8 4.2#



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.335 min Scan# 2868

Delta R.T. -0.023 min

Lab File: BN033046.D

Acq: 27 Jul 2024 23:16

Tgt Ion:264 Resp: 24611

Ion Ratio Lower Upper

264 100

260 25.1 20.9 31.3

265 50.8 85.4 128.2#

